

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. ~~(cancelled) A bruxism appliance comprising a molded polymeric base for placement and fitting to a patient's upper or lower dentition, the molded polymeric base including an abradable overlayer applied after fitting the molded polymeric base to the upper or lower dentition, the overlayer being a different colour to the polymeric base whereby use of the appliance by a patient indicates the degree of bruxism by the patient by abrasion of the overlayer.~~
2. ~~(cancelled) A bruxism appliance as in claim 1 where the molded polymeric base is selected from any one of or a combination of acrylic resin or plastic.~~
3. (currently amended) A bruxism appliance as in claim 1 wherein the abradable overlayer is comprising a molded polymeric base for placement and fitting to a patient's upper or lower dentition, the molded polymeric base including an abradable overlayer applied after fitting the molded polymeric base to the upper or lower dentition, the overlayer being a different colour to the polymeric base and selected from any one of or a combination of acrylic resin, natural resin, or composite, whereby use of the appliance by the patient indicates the degree of bruxism by the patient by abrasion of the overlayer.
4. ~~(cancelled) A bruxism appliance as in claim 1 wherein the overlayer has a hardness softer than the molded polymeric base.~~
5. (currently amended) A bruxism appliance comprising a molded polymeric base for placement and fitting to a patient's upper or lower dentition, the molded polymeric base including an abradable overlayer applied after fitting the molded polymeric base to the upper or lower dentition, the overlayer being a different colour to the polymeric base whereby use of the appliance by the patient indicates the degree of bruxism by the patient by abrasion of the overlayer, as in claim 4 wherein the overlayer has a hardness softer than the molded polymeric base, and wherein the overlayer includes an acrylic resin blended with a titanium oxide pigment.

6. (currently amended) A bruxism appliance comprising a molded polymeric base for placement and fitting to a patient's upper or lower dentition, the molded polymeric base including an abradable overlayer applied after fitting the molded polymeric base to the upper or lower dentition, the overlayer being a different colour to the polymeric base and selected from any one of or a combination of acrylic resin, natural resin, or composite, whereby use of the appliance by the patient indicates the degree of bruxism by the patient by abrasion of the overlayer, as in claim 1 further comprising a pH indicator bound to the appliance for indicating the pH of a patient's mouth during use of the appliance.
7. (currently amended) A bruxism appliance as in claim 6 wherein the pH Indicator is incorporated into the abradable overlayer or is chemically or mechanically fixed to the appliance.
8. (previously presented) A method of chemically coating a bruxism appliance comprising the steps of:
 - a. Fitting a bruxism appliance having a polymeric base to a patient's upper or lower dentition;
 - b. Applying an abradable overlayer to the polymeric base by any one of or a combination of painting or spraying wherein an abradable overlayer is selected from any one of or a combination of acrylic resin, natural resin or composite material.